

ABSTRACT OF THE DISCLOSURE

5

The present invention provides a human mitochondrial membrane protein (HuTIM17) and polynucleotides which identify and encode HuTIM17. The invention also provides expression vectors and host cells and a method for producing HuTIM17. The invention also 10 provides for antibodies or antagonists specifically binding HuTIM17, and their use in the prevention and treatment of cancer. The invention also provides diagnostic assays. The invention also provides for the use of HuTIM17 in identifying antifungal and antiprotozoal therapeutics.